

GGGCTAGGG CGCCGGGTCA GGGGCTCGA GATCGGGCTT GGGCCAGAG C ATG TTC 57
 Met Phe
 1

CAG ATC CCA GAG TTT GAG CCG AGT GAG CAG GAA GAC TCC AGC TCT GCA 105
 Gln Ile Pro Glu Phe Glu Pro Ser Glu Gln Glu Asp Ser Ser Ser Ala
 5 10 15

GAG AGG GGC CTG GGC CCC AGC CCC GCA GGG GAC GGG CCC TCA GGC TCC 153
 Glu Arg Gly Leu Gly Pro Ser Pro Ala Gly Asp Gly Pro Ser Gly Ser
 20 25 30

GGC AAG CAT CAT CGC CAG GCC CCA GGC CTC CTG TGG GAC GCC AGT CAC 201
 Gly Lys His His Arg Gln Ala Pro Gly Leu Leu Trp Asp Ala Ser His
 35 40 45 50

CAG CAG GAG CAG CCA ACC AGC AGC AGC CAT CAT GGA GGC GCT GGG GCT 249
 Gln Gln Glu Gln Pro Thr Ser Ser Ser His His Gly Gly Ala Gly Ala
 55 60 65

GTG GAG ATC CGG AGT CGC CAC AGC TCC TAC CCC GCG GGG ACG GAG GAC 297
 Val Glu Ile Arg Ser Arg His Ser Ser Tyr Pro Ala Gly Thr Glu Asp
 70 75 80

GAC GAA GGG ATG GGG GAG GAG CCC AGC CCC TTT CGG GGC CGC TCG CGC 345
 Asp Glu Gly Met Gly Glu Glu Pro Ser Pro Phe Arg Gly Arg Ser Arg
 85 90 95

TCG GCG CCC CCC AAC CTC TGG GCA GCA CAG CGC TAT GGC CGC GAG CTC 393
 Ser Ala Pro Pro Asn Leu Trp Ala Ala Gln Arg Tyr Gly Arg Glu Leu
 100 105 110

CGG AGG ATG AGT GAC GAG TTT GTG GAC TCC TTT AAG AAG GGA CTT CCT 441
 Arg Arg Met Ser Asp Glu Phe Val Asp Ser Phe Lys Lys Gly Leu Pro
 115 120 125 130

CGC CCG AAG AGC GCG GGC ACA GCA ACG CAG ATG CGG CAA AGC TCC AGC 489
 Arg Pro Lys Ser Ala Gly Thr Ala Thr Gln Met Arg Gln Ser Ser Ser
 135 140 145

TGG ACG CGA GTC TTC CAG TCC TGG TGG GAT CGG AAC TTG GGC AGG GGA 537
 Trp Thr Arg Val Phe Gln Ser Trp Trp Asp Arg Asn Leu Gly Arg Gly
 150 155 160

Fig. 1A

00922378-000301

AGC TCC GCC CCC TCC CAG TGACCTTCGG TCCACATCCC GAAATCCACC 585
Ser Ser Ala Pro Ser Gln
165

CGTCCCATT GCCCTGGGCA GCCATTTTGA ATATGGGAGG AAGTAAGTTC CCTCAGGCCT 645

ATGCAAAAAG AGGATCCGTG CTGTATCCTT TGGAGGGAGG GTTGACCCAG ATTCCCTTCC 705

GGTGTGTGTG AAGCCACGGA AGGTTGGTCC CATCGGAAGT TTTGGGTTTT CCGCCCACAG 765

CCGCCGGAAG TGGCTCCGTG GCCCCGCCCT CAGGTTCCGG GGTTCCTCCC AGGCGCCTGC 825

GCTAAGTAGC GAGCCAGGTT TAACCGTTGT GTCACCGGGA CCCGAGCCCC CGCGATGCCC 885

TGGGGGCCGT GATCAGTACC AAATGTTAAT AAAGCCCGCG TGTGTGCCAA AAAAAAAAAA 945

A 946

Fig. 1B

0922378.080304
FOE080" 8/2E2260

10 20 30 40
 1 M G T P K Q P S L A P A H A L G L R K S D P G I R S L G S D A G G R R W R P A A PmBad
 1 - - - - - PBM1
 50 60 70 80
 41 Q S M F Q I P E F E P S E Q E D A S A T D R G L G P S L T E D Q P G P Y - - - PmBad
 1 - - M F Q I P E F E P S E Q E D S S S A E R G L G P S P A G D G P S G S G K H H PBM1
 90 100 110 120
 77 - L A P G L L G S N I H Q Q G R A A T N S H H G G A G A M E T R S R H S S Y P A PmBad
 39 R Q A P G L L W D A S H Q Q E Q P T S S S H H G G A G A V E I R S R H S S Y P A PBM1
 130 140 150 160
 116 G T E E D E G M E E E L S P F R G R S R S A P P N L W A A Q R Y G R E L R R M T PmBad
 79 G T E D D E G M G E E P S P F R G R S R S A P P N L W A A Q R Y G R E L R R M S PBM1
 170 180 190 200
 156 D E F E G S F K - G L P R P K S A G T A T Q M R Q S A G W T R I I Q S W W D R N PmBad
 119 D E F V D S F K K G L P R P K S A G T A T Q M R Q S S S W T R V F Q S W W D R N PBM1
 210
 195 L G K G G S T P S Q PmBad
 159 L G R G S S A P S Q PBM1

Fig. 2

Bad 2-Hybrid Interactions

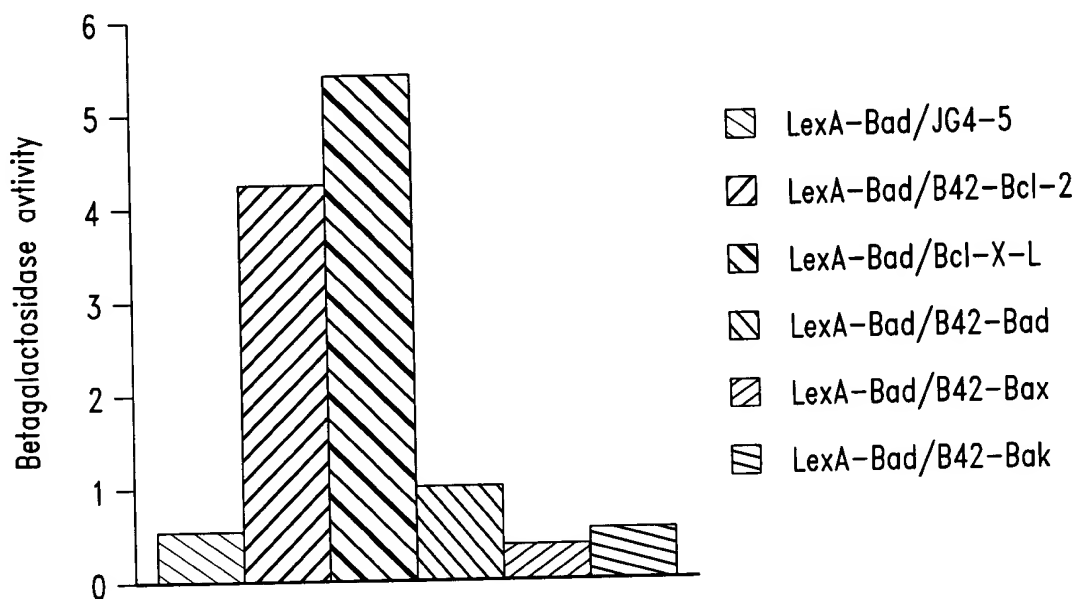


Fig. 3

Binding of Bcl-2 Family Proteins to Bad

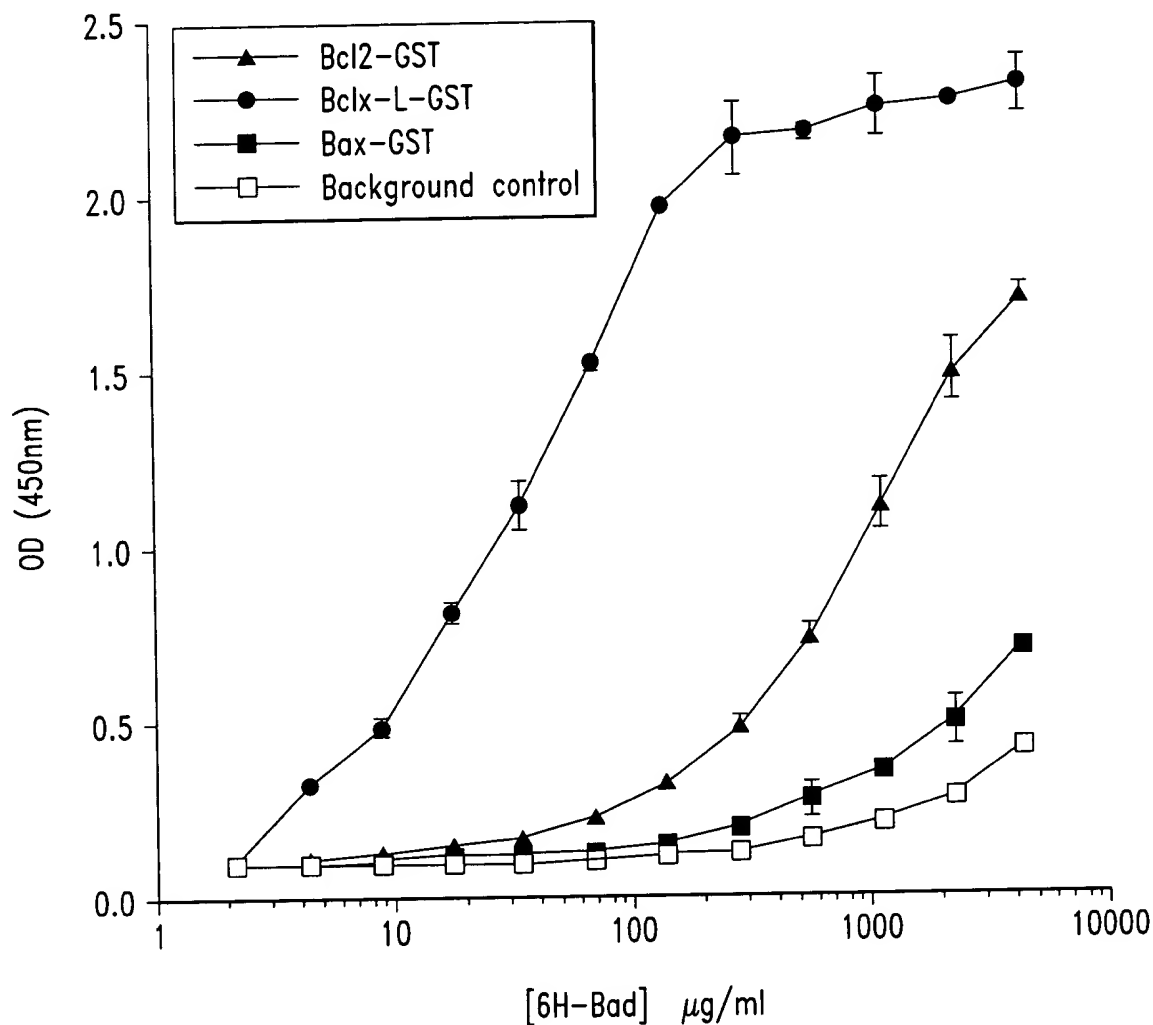


Fig. 4